Draft: September 6, 2001: 11:15 a.m. GIS Council Formation Meeting

I. Welcome - Mary Nichols, Secretary, California Resources Agency, Acting Chair, CA Statewide GIS Council

A. Welcome Remarks - Mary Nichols

Secretary Nichols welcomed everyone and gave a brief overview of the State's efforts to help develop a statewide GIS. The Secretary stressed the need for entities across government to share resources and work together to make a comprehensive map of California.

B. Introduction of Facilitator - Lisa Beutler

Lisa Beutler of CSU, Sacramento introduced herself as the facilitator for the meeting. She quickly went over the purpose of the meeting and launched into introductions.

Meeting Purpose

- Present the concept of the GIS Council
- Decide whether to form the GIS Council
- Determine next steps

Participant self introductions

During introductions the participants were asked to introduce themselves, say where they were from and respond to the question: "If money were no object, what would you like to see mapped?"

Responses are grouped into 4 categories:

- Map of all of California at 1 meter resolution or better
- Coordinate regional maps using county information
- High resolution map of San Bernardino County
- Complete map of Southern California
- Comprehensive map of the border region with Mexico

BETTER MAPS

- Map comparing endangered species over watersheds
- Map of all of the American Southwest in a space/time continuum
- High resolution map of U.S. hydrography and orthography
- Accurate population maps for the 2010 census
- Complete map of the Bay Area and Silicon Valley
- Digital elevation and hydrography data layers to 1 meter resolution
- Digital elevation and hydrography data layers to i meter resolu
- Regional maps to aid in the development of land use policy

PUBLIC PARTICIPATION

- The rise of public awareness of the importance of GIS
- Map of all people interested in investing in GIS
- Initiate an outreach strategy
- Dynamic transportation models that any stakeholder can input data into and have it update all future scenarios.

IMPROVED QUALITY OF THE DATA

- Complete database of statewide soil surveys
- Better data for loss estimation models for emergencies and disasters
- Create consistent data layers at the local and state levels
- Finish the GBC layer, especially in the Central Valley

Free distribution and coordination of parcel data between cities and counties

INCREASED COLLABORATION

- Coordinate regional programs for cities.
- Coordination of all the GIS analysts to determine methods to better leverage GIS data
- Free sharing of all information already available

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Secretary Nichols stressed the need of outreach to the general public. She envisioned a day where any child in California can type in their address on the Internet and find information about their environment (e.g. where to find the library, school, local park, watershed, etc.).

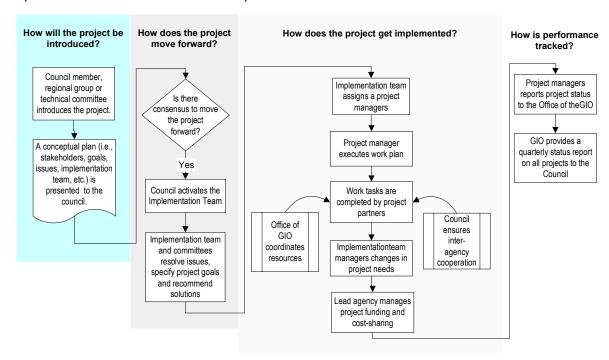
Agenda review

The facilitator, Lisa Beutler went over the agenda for the afternoon.

II. California GIS Collaboration: What We Are Proposing

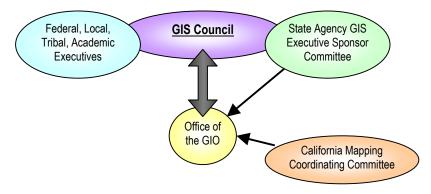
A. Presentation/Q&A CA State Enterprises GIS Initial Strategic Plan

- Overview Gary Darling, CA Geographic Information Officer
 Gary Darling gave a brief overview of the geographic information infrastructure at the statewide level.
 The presentation described how the information is gathered and arranged. He provided a vision where someone can touch any place on a map and receive a variety of information about that location. To make this a reality, Gary Darling said the GIS Council has to foster and facilitate coordination and collaboration between all levels of government. He demonstrated how the Council would operate, including how ideas will be presented, formulated, implemented and tracked.
- External Governance John Ellison, State Water Resources Control Board
 John Ellison gave an overview of the proposed external governance structure of the GIS Council. The
 Council would be charged with establishing policy, setting strategy and securing resources for
 coordinating GIS data in California. Stressing the importance of collaboration throughout the state,
 John Ellison proposed creating regional councils that would include stakeholders at a more local level
 to provide input to the full GIS Council. Allowing the regional councils to participate will expand the
 level of outreach and assure the council members have better information to make decisions. He also
 proposed the idea of establishing technical, funding and communication sub teams. In closing he
 mentioned the importance of the private sector and including the people that actually do the work.
- Example Project Dave Kerlein, Governor's Office of Emergency Services
 Dave Kerlein presented a step by step approach to demonstrate how a project could be developed and implemented. The flowchart shows the process.



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• Internal Governance - Mitzi Higashidani, CA Health and Human Services Agency Mitzi Higashidani gave the participants some insight into the GIS governance structure of the State of California. The diagram shows the Office of the GIO, how it relates to GIS Council, Executive Sponsor Committee, other levels of government and the California Mapping Coordinating Committee.



B. Presentation/Q&A State and Federal Models of Collaborative GIS: Why Everyone Needs to Participate

Federal GIS Collaborations at US Geological Survey - Vicki Lukas, USGS On behalf of the U.S. Geological Survey, Vicki Lukas provided information on some of the projects the Federal Government has undertaken in GIS. Activities include the creation of a metadata catalog and the National Map Initiative, designed to create consistent data layers across the United States. The Tahoe Lake Region is currently conducting a pilot for the National Map. Results are expected in Fall 2002.

Here is a brief summary of her notes:

- <u>Executive Order 12906</u> Establishes National Spatial Data Infrastructure (NSDI) to serve as a
 Metadata clearinghouse and to seed money for state and local agencies
- <u>Issues</u>: (1) Data sets do not align, (2) Don't match along jurisdictional boundaries, (3) Out of date
- Solution: National Map Initiative
 - Full service horizontal and vertical map
 - Available 24 hours/7 days a week
 - Will be ready in about a decade.
- Recognizes need for collaboration with other governments
- USGS is shifting from data producer to coordinator.
- <u>Strategy</u>: Started by implementing concept pilot project—2 projects in Western U.S., 1 is Tahoe → should show results by Fall 2002. It was selected because of its unique physical properties and the fact it includes a number of jurisdictions at the local, state and federal governmental levels.
- Goal for California: Develop statewide map coverage

How USGS is getting it done

- Federal Coordinating groups:
 - Department of Interior High Priority Program
 - Federal Geographic Coordinating Council of California (FGC3) Federal counterpart of CMCC
- <u>Digital Orthophoto</u> will be done in the next 6 months.
 - The Federal government has a lot of land in CA
 - Partnerships with DWR and Forestry, Nevada and Lassen County, Monterey Bay, SD COG
- National Aerial Photography Program (NAPP):
 - Led by a federal interagency group
 - Fly every state every 5 years
 - Due to size California is split into 2 segments
- Dept of Interior has designated Los Angeles a High Priority Project
- Looking to create a project for the border area
- <u>National Digital Orthophoto Program</u> (NDOP):

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- Moving into higher resolution projects
- Want to work with locals
- 2 counties applied, but were denied because the state does not have a plan
- > 1:24.000 scale
- Creating a map of surface water
 - 10 meter digital elevation data set

Local/Regional Collaboration in Monterey Bay - Mary Tsui, Central Coast Joint Data Committee (CCJDC)

Mary Tsui gave a presentation on a local collaborative along the Central Coast of California.

- Collaborative includes part or all of Santa Cruz, San Benito, Monterey, San Mateo, San Luis Obispo and Ventura counties.
- > The purpose of the collaborative is to share data among partners for metadata development, regional problem solving and public access to spatial data
- > Started by creating an inventory of the information all of the partners had. They then identified areas they needed to fill.
- The collaborative is open to anyone (i.e. non profits, individuals, etc.).
- Mary Tsui said there are technical challenges involved in the collaborative, but pointed out that organizational challenges are much greater.

Collaborative Profile

- Organized in 1996
- ➤ 42 signatories to the MOA + spin-offs
- Bi-monthly working meetings
- Quarterly workshops

- Practical sessions to find each others strengths
- > Grants, awards and publications
- Regional projects

CCJDC Projects

- Regional Metadata
- Regional parcel and imagery coverage
- Regional problem solving
- Expanding the round table
- Outreach to decision-makers (many city managers, CFOs do not understand GIS)
- Education (publishing, workshops, website, curriculum streamlining)

At the end of the presentation, Mary Tsui mentioned that the public sector has not been good at sharing data and thought the first priority of the local stakeholders should be to continue to support with Resources CERES metadata catalog

Question/Answer

 Lisa Beutler asked the group if they had any questions about the presentation. There were no questions.

C. Introduce Draft Statewide GIS Council Charter: The Way We Plan to Do Business

• Right people and organizations? Lisa Beutler, CSU Sacramento

Lisa Beutler asked the group to review the roster and to identify any stakeholder groups or individuals not in the room who should be part of the GIS Council.

The following names or entities were suggested:

- Mr. Dean Swickert, Bureau of Land Management
- Mr. Jim Simms
- > Federal Department of Justice, Bureau of Justice Statistics
- Additional counties executives
- Mr. Gary Gallegos, SANDAG
- California Secretary of Education
- Program people
- > Alternates for the Executive Sponsors (possibly at the AIO or Chief Deputy level
- Professional organizations (Geology, Assessors, etc.)

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Tool: A participant mentioned that the GIS Council could webcast meetings so other decisionmakers and the public can view the meeting without having to travel.

Process for revising the Charter: Sharon Huntsman, CSU Sacramento
 Sharon Huntsman announced that a series of conference calls were planned for participants to discuss revisions to the charter. She gave a brief presentation of the proposed charter and suggested that participants sign up for a conference call on a form that was passed around the room. Participants who were in attendance or were not able to sign up were asked to contact the Office of the GIO.

Lisa Beutler asked for a straw poll of participants, to see who was still interested in establishing the Council. During the poll nearly everyone raised their hand to start the GIS Council and no one voted against it.

III. Statewide Council Proposed Work Plan

A. Presentation and feedback on Statewide Council proposed work plan Gary Darling, Geographical Information Officer (GIO), State of California

The GIO gave a presentation asking for input on how to proceed with the GIS Council. Proposing some possible goals for the next year, he asked for input on how they could be accomplished. He articulated a series of questions that would need to be addressed as the Council got underway. He asked the participants to think about where California should be in five years with GIS while proposing a few ideas of what he would like to see. They included:

- greatly improved decision-making
- less environmental impact
- · reduced loss from disasters
- improved air and water quality
- more equitable access to health care, transportation, etc.

In getting California to those goals, Gary Darling presented his thoughts about cost sharing between levels of government. He proposed one model where the State of California financed a one-meter map of the State. If a local jurisdiction wants to map an area at a higher resolution, they could pay the difference for the better resolution, with the assumption that the information would be freely distributed. Taking a step in this direction, the State of California's Teale Data Center has opened all of the information the State has gathered to the public domain.

B. Council provide feedback/initial prioritization of Council Objectives

With the conclusion of the presentation, Lisa Beutler asked the groups if they have any questions. Again there were no questions. Lisa Beutler asked the group why there hadn't been any questions.

One participant replied that the presentations had been "superb" and mentioned that everything was so well arranged and clear that all of her questions were answered in the presentations.

Then participants began to raise other questions:

• Question: What is the role of the GIO? Where does it exist, how does it relate to other agencies?

Gary Darling took the question. He explained that the GIO addresses the needs of all the Executive Sponsors, who are Agency Secretary and Directors from across State Government. Although, under budget criteria he works for the Resources Agency, the Office reports to the Executive Council as described in a Memorandum of Understanding (MOU) that was signed on June 12, 2001 by the Executive Sponsors. The Office of the GIO is arranged in this fashion because it doesn't fit neatly into the mission of any one agency. There is now a lot of discussion about appointing GIOs in departments who will work together to provide interagency solutions to policy decisions.

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It was also noted that the California Mapping Coordinating Committee provides a lot of input for the office. A participant followed up by mentioning that the United State Geological Survey now has a GIO at the Associate Director Level. This was followed up by another participant mentioning that in many local jurisdictions the CIO is viewed as the GIO because GIS is looked at an enterprise level. She continued that it was important when looking at membership to make sure you incorporate local entities that view things in these perspectives.

- Idea: Someone raised the idea of condensing the presentation's giving today and presenting them to the annual conference of the League of California Cities and the California State Association of Counties (CSAC) being held in October.
- **Question:** Raising the question of developing a strategic plan, one participant asked Gary Darling how the formation of the GIS Council links to the implementation phase.

Gary Darling responded that next step for the Council was to determine the priorities of the Council and form metrics to measure their effectiveness.

Noticing no more questions, Lisa Beutler stated that the discussion would now move onto identifying priorities for the GIS Council.

IV. Priorities

A. Identifying Priorities

Lisa Beutler asked participants to spend ten minutes discussing what the priorities of the Council should be with those around their table. After the discussion ended, Lisa Beutler asked the group to provide feedback to the full group.

The following ideas and comments were presented:

- Development of Regional Councils by Geography, Topic and Representation
- Establish standards
- Allow voluntary contributions of data
- Liability
- Tasks were too technical, need to rethink the role of senior managers in metadata cataloging.
- Instead: Articulate a plan to attain and allocate resources
- Legal and Physical, electronically sharable
- Catalog info
- Determine what can be shared
- Comprehensive Statewide Plan
- Policy for Statewide data purchase and aggregation, not detail, but strategy
- Inventory of what everyone has, catalog it, and make sure it's sharable.
- Determine what is actually needed.
- Take Bob Peterson's suggestion to League in General Forum

- Locals do not trust State, this would get them going, show them the benefit.
- Let them hear first hand what is trying to be done here.
- Ensure right people are here
- Quickly move into program
- Look at priorities on local standards
- ID and Attain Funding
- Clearly define definition of Council.
- Needs Assessment (Inventory existing resources, ID Needs)
- Charter should be formalized
- Executive Sponsors each provide one PY for GIO Office
- GIS statewide framework data be primary motivator of this group.
- Metadata cataloging
- Regional Councils form and do their own inventory and analysis
- Council needs quick wins
- Needs education of decision-makers. ID Players from each segment across the state whether a city or a small town. Operate at multiple levels.

Comment: A participant added that money often doesn't show up until after a disaster or a near miss. He suggested that California do a better job of planning the budget process to be more proactive for emergencies.

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B. Things members would like to do more work on

- Cameo presentation on the common framework layers (Key individuals, status, map or where it is and where it isn't).
- Work with Census Bureau to see how we can provide better information for the census
- Sum up technologies to enable what we are trying to do.
- Success stories of other states. How they got there? What were the steps?
- Create a website for the GIS Council (there is already a site at www.gis.ca.gov)
- Other successful collaborative. Who has done it and done it right? What were the problems they faced?
- Getting the public excited about GIS. Need to create practical uses that will raise the public interest. What is the outcome and value to the regular person?

- Keep everyone posted on progress with the framework layers. How we can work together? Need measure of progress.
- Brief decision makers on the importance of GIS.
- Dialogue on potential projects, easy win would be cost sharing for USGS layers.
- Demonstration of US methodology in predicting loss from earthquakes.
- Review successful presentations or models.
 Steal data shamelessly, share data willingly.
- Explore sharing geographic resources over the internet.
- Develop case studies comparable to Mary Tsui's.
- Develop a communications plan.
- Sharing the experiences and efforts of those in the room.

A list of the topics brought up for next steps were than placed on a wall and participants were asked to vote for what actions should be a priority of the GIS Council. Each participant was given three votes and was allowed to spread them out, or group them around a particular topic. Here are the results of the voting.

GIS Priorities	Votes
Inventory of what is needed	10
Inventory resources	8
Development of regional councils	8
Strategic plan for data purchases & aggregation	7
Establishing Standards	7
Funding	6
Resource plan (funding)	5
Framework data layers	5
Staff Office of the GIO	4
Identify all GIS players	3
Liability	1
Fully define council (mtg, etc)	1
Early successes	1
Determine what you have & what you can share	0
Outreach	0
Finalize Charter	0

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V. Next Steps and Summary of Action Items

A. Plus Delta

Lisa Beutler asked the participants to give feedback on the meeting and asked everyone to tell us what they liked (plus) and the things they would change (delta). Overall, everyone seemed pleased with the meeting. There were four pluses mentioned and no deltas.

	+	Δ
•	Having information to review prior to the meeting	
•	The information was presented in a clear and concise manner	None
•	Participants were pleased with the food and refreshments	None
•	They liked the fact the meeting move to different locales	

B. First Council Meeting (timeframe/location)

Timeframe: Agreed on quarterly meetings.

Next meeting is tentatively scheduled for October.

URISA is October 21-24 in Long Beach

• <u>Locations</u>: Near Airports, depends on the weather.

2 popular sites: URISA, October 21-24 in Long Beach. Great opportunity to highlight other states.
 City of Oakland has a nice conference facility

• <u>Communication</u>:We will send a preference sheet for the next meeting. E-mail will be the medium of choice.

C. Action Items

Action Item	Owner
Coordinate charter revision conference calls	Sharon Huntsman
Create website for the GIS Council	Gary Darling
Set up next meeting	Gary Darling

D. Adjourn